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4983/00/JC

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Lin-Ying HU et al  
Serial No.: 10/695,899  
Filed: October 30, 2003  
For: METHOD FOR RAPID FORMATION OF A  
STOCHASTIC MODEL REPRESENTATIVE  
OF A HETEROGENEOUS UNDERGROUND  
RESERVOIR, CONSTRAINED BY DYNAMIC DATA  
Art Unit: 2128  
Examiner: Thai Q. Phan

**AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

October 26, 2006

Sir:

This is in response to the first Office Action of July 5, 2006. Please amend the above-identified application as listed below and as set forth on the following pages:

Amendments to the Specification

Amendments to the Claims

Remarks are included following the amendments